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Please type a plus sign (+) inside this box Under the Paperwork Reduction Act of 1995, no persons are required to response.	PTO/SB/05 (08-00) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ond to a collection of information unless it displays a valid OMB control number.
UTILITY	Attorney Docket No. CISCO-3287
PATENT APPLICATION	First Inventor Sitaraman
TRANSMITTAL	Dynamic Multi-Hop Ingress to Title Egress L2TP Tunnel Mapping
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EL839726025US
APPLICATION ELEMENTS	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or
(Submit an original and a duplicate for fee processing) Applicant claims small entity status.	Computer Program (<i>Appendix</i>) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
Specification	a. Computer Readable Form (CRF)
- Descriptive title of the invention	b. Specification Sequence Listing on:
 Cross Reference to Related Applications Statement Regarding Fed sponsored R & D 	i. ☐ CD-ROM or CD-R (2 copies); or
 Reference to sequence listing, a table, or a computer program listing appendix 	i i.□ paper
- Background of the Invention	c. Statements verifying identity of above copies
 Brief Summary of the Invention Brief Description of the Drawings (if filed) 	ACCOMPANYING APPLICATION PARTS
- Detailed Description - Claim(s)	9. X Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of
- Abstract of the Disclosure	(when there is an assignee) Attorney
4 X Drawing(s) (35 U.S.C. 113) [Total Sheets 18]	11. English Translation Document (if applicable) Copies of IDS
5. Oath or Declaration [Total Pages []	12. Statement (IDS)/PTO-1449 Citations
a. X Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d))	13. Preliminary Amendment
b. (for continuation/divisional with Box 17 completed)	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. X Other Request and Certification Under 35. USC. 122(b).(2) (B).(i)
6. Application Data Sheet. See 37 CFR 1.76	
17. If a CONTINUING APPLICATION, check appropriate box, and su or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIF	supply the requisite information below and in a preliminary amendment, of prior application No.:
Prior application information: Examiner	Group I Art Unit:
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of Box 5b, is considered a part of the disclosure of the accompanying cont The incorporation can only be relied upon when a portion has been inad-	of the prior application, from which an oath or declaration is supplied under attinuation or divisional application and is hereby incorporated by reference. divertently omitted from the submitted application parts.

Customer Number or Bar Code Label David B. Ritchie Name THELEN REID & PRIEST LLP Box 640640 Address Zip Code 95164-0640 CA State San Jose City (408) 287**-\$**040 (408) 292-5800 USA Fax Telephone Country

or XX

Correspondence address below

Registration No. (Attorney/Agent) John P. Schaub Name (Print/Type) 3/9/01 Date Signature

18. CORRESPONDENCE ADDRESS

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Arayind Sitaraman and Purnam Sheth

SERIAL NO.:

(not yet assigned)

FILING DATE:

March 9, 2001

TITLE:

DYNAMIC MULTI-HOP INGRESS TO EGRESS L2TP TUNNEL

MAPPING

EXAMINER:

(not yet assigned)

ART UNIT:

(not yet assigned)

CERTIFICATE OF MAILING

"Express Mail" mailing label no.: EL839726025US

Date of Deposit: March 9, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to: Box PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231, on the date printed below:

Name: Sharon E. Byam

BOX PATENT APPLICATION COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing please find the patent application for an invention entitled, "Dynamic Multi-Hop Ingress to Egress L2TP Tunnel Mapping", filed on behalf of Cisco Technology Inc., assignee from inventors, Aravind Sitaraman and Purnam Sheth, including Utility Patent Application Transmittal, 28 pages of specification, 15 pages of claims, 18 sheets of drawing figures, and 1 page of Abstract. Also enclosed herewith are the executed Assignment with cover page and Combined Declaration/Power of Attorney.

The attorney's Docket Number is CISCO-3287.

Please address all communications regarding this application to:

David B. Ritchie, Esq. THELEN REID & PRIEST LLP P.O. Box 640640 San Jose, California 95164-0640 Telephone (408) 292-5800

The Commissioner is authorized to charge our Deposit Account No. 50-1698 in the amount of \$1,528.00 or as required for the filing fee for a large entity, calculated as follows:

Basic Filing Fee:	\$	710.00
41 Additional Claims in excess of 20:		738.00
1 Additional Independent Claim(s):	nal Independent Claim(s): \$	
0 Multiple Dependent Claim(s):	\$	-0-
Total Filing Fee:	\$	1,528.00

A duplicate of this page is enclosed.

Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: March 9, 2001

John P. Schaub Reg. No. 42,125

THELEN REID & PRIEST LLP P.O. Box 640640 San Jose, CA 95164-0640 (408) 292-5800 REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)

First I	Named Inventor	Aravind	Sitarama	an		
Title	DYNAMIC M L2TP TUNN	ULTI-HOP IEL MAPPIN	INGRESS	ТО	EGRI	SS
Atty [Oocket Number	CISCO-32	287			

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 9,2001

John P. Schaub, Reg. No.42,125

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).